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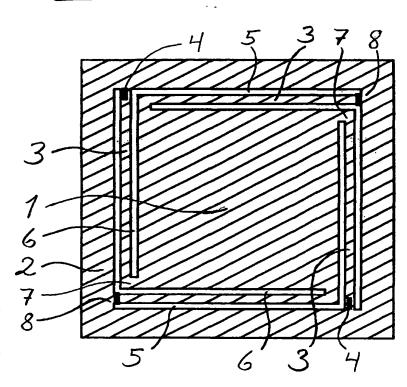
- (71) Applicant (for all designated States except US): SINTEF ELEKTRONIKK OG KYBERNETIKK [NO/NO]; P.O. Box 124 Blindern, N-0314 Oslo (NO).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): WANG, Dag, T. [NO/NO]: Myreryn. 19, N-0494 Oslo (NO), BERN-STEIN, Ralph, W. [NO/NO]; Nadderudlia 21B, N-1340

Bekkestua (NO). JENSEN, Geir, Uri [NO/NO]; Wetlesensvei 52, N-0681 Oslo (NO). LUND, Eivind [NO/NO]; Myrervn. 21, N-0494 Oslo (NO).

- (74) Agent: BRYN AARFLOT AS; P.O. Box 449 Sentrum, N-0104 Oslo (NO).
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(54) Title: SPRING SCALE_



(57) Abstract: A spring scale, in particular for weighing loads in the µg-mg range, comprises a load platform suspended by at least three flexural springs in a surrounding frame, and has bridge-connected strain gauges arranged for measuring strain on one side of the flexural springs. The flexural springs extend in succession along substantially the whole periphery of the load platform in a gap between the load platform and the inner edge of the frame, and an attachment spot on the load platform for every flexural spring is arranged substantially directly opposite or past an attachment spot on the inner edge of the frame for a next flexural spring in the succession of springs. Preferably, the spring scale is made in one piece, and manufactured by means of semiconductor process technology.

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